



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

DEAN D. EFSTATHIOU, Acting Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE
REFER TO FILE: **C-1**

October 14, 2008

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACT
BIG TUJUNGA DAM SEISMIC REHABILITATION AND SPILLWAY MODIFICATION
UNINCORPORATED COMMUNITY OF SUNLAND
(SUPERVISORIAL DISTRICT 5)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amount for a public works construction contract for Big Tujunga Dam Seismic Rehabilitation and Spillway Modification in the unincorporated community of Sunland.

**IT IS RECOMMENDED THAT YOUR BOARD ACTING AS THE GOVERNING BODY
OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT:**

Find that the requested changes in work have no significant effect on the environment and approve the increased contract amount and the changes for the following construction contract:

- Project ID No. WRDD000005 - Big Tujunga Dam Seismic Rehabilitation and Spillway Modification, to construct arch dam, spillway, abutment wall, control house, and generator buildings; perform excavation, grouting, electrical and instrumentation work, and plumbing work; and install penstocks, butterfly and jet-flow valves, and a generator system, in the unincorporated community of Sunland (5), Shimmick Construction Company, Inc., for placing reinforced

shotcrete, obtaining survey services, and taking concrete core samples, with an increase in the contract amount of \$245,850.00.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to obtain your Board's approval for the changes in public works contract in support of the timely completion of the project while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the attachment.

The Acting Director of Public Works or his designee has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Attached for your authorization are changes in work in excess of my delegated limit, which are required to complete the project.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provision of Service Excellence (Goal 1) and Community Services (Goal 6). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected community.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amount for this contract is an increase of \$245,850.00.

Sufficient funds are available in the Board-approved appropriations for the project to cover the costs of the requested changes. Detailed cost breakdowns for the changes, together with contract cost summaries, are included in the attachment.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The contract for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Acting Director of Public Works.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the attachment do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

The contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the attachment.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under the contract and result in complete and usable facilities.

CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

Respectfully submitted,


DEAN D. EFSTATHIOU
Acting Director of Public Works

DDE:JTS:ss

Attachment

cc: Chief Executive Office (Lari Sheehan)
County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
October 14, 2008

PROJECT ID NO. WRDD000005 - BIG TUJUNGA DAM SEISMIC REHABILITATION AND SPILLWAY MODIFICATION (in the unincorporated community of Sunland), Supervisorial District 5, Contractor: Shimmick Construction Company, Inc.

Project Description:

Construction of thick arch dam, spillway, abutment wall, control house and generator buildings; perform common excavation, rock excavation, consolidation grouting, electrical and instrumentation work, plumbing work; install penstocks, butterfly and jet flow valves, a generator system; and other appurtenant work.

Changes in Work:

(1) Reinforced Shotcrete for the Lower Left Abutment	\$233,850.00
(2) Survey Services	10,000.00
(3) Concrete Core Samples	<u>2,000.00</u>
Total	<u>\$245,850.00</u>

Description of Changes:

(1) To meet the intent of the design, it will be necessary to place reinforced shotcrete along the lower left abutment, down to bedrock. This work is not shown clearly on the plans.

(2) The specifications provide for County forces to survey the foundation area after the contractor has completed excavation activities to create a geologic map of the foundation. To minimize delays to the contractor, it will be necessary for the contractor to provide and coordinate survey services to create the geologic map.

(3) It will be necessary to obtain concrete core samples from an existing concrete structure at the base of the right abutment. These samples will be tested for strength to determine if the structure may be left in place or must be removed. This work is not shown on the plans.

A portion of the cost for Item 1 was negotiated as provided in Subsection 3-2 of the contract specifications. The remainder of the cost for Item 1 was based on contract unit prices. The costs for Items 2 and 3 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Financial Information:

Funding for these changes in work is included in the Flood Control District Budget for Fiscal Year 2008-09.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$88,533,680.00
Changes in work previously approved by your Board	836,158.00
Changes in work to be authorized	<u>245,850.00</u>
Revised Contract Amount	<u>\$89,615,688.00</u>

HH:ss